

## AMENDMENTS TO THE CLAIMS

### **Listing of Claims:**

1. (Currently Amended) A gasket for use in a bipolar battery comprising:  
at least two electrochemical cells;  
a biplate arranged between adjacent cells, the biplate having opposed major surfaces and  
a peripheral surface extending between the opposed major surfaces; and  
a gasket supporting the biplate, said the gasket  
being made from a hydrophobic material to prevent the creation of an electrolyte path between ~~adjacent~~the electrochemical cells ~~when mounted in a battery,~~  
~~the gasket further comprising being frame shaped and a frame, designed to at least~~  
partially encompassing ~~at~~the peripheral surface of the biplate ~~when mounted in a bipolar battery;~~,  
and  
provided with means for permitting gas passage through the gasket, and  
wherein ~~said gasket is made from~~ the hydrophobic material ~~with~~has deformable properties to provide a sealing to a biplate when mounted in a bipolar battery, whereby to provide an outer pressure tight seal of the battery is obtained.
2. (Currently Amended) The gasket battery according to claim 1, wherein the means for permitting gas passage through the gasket includes at least one channel interconnecting ~~adjacent~~the electrochemical cells ~~when mounted in a battery~~.
3. (Currently Amended) The gasket battery according to claim 2, wherein each at least one channel includes a hole in the gasket, said hole being in communication with the inside of the outer pressure tight seal in each electrochemical cell ~~when mounted in a battery~~.
4. (Currently Amended) The gasket battery according to claim 1, further comprising: guiding means for controlling the position of ~~a~~the biplate during assembling of ~~a~~the bipolar battery.

5. (Currently Amended) The gasket battery according to claim 4, wherein the guiding means includes at least one boss.
6. (Currently Amended) The gasket battery according to claim 1, wherein the means for permitting gas passage ~~are~~is arranged on one distal end of the frame shaped gasket.
7. (Currently Amended) The gasket battery according to claim 1, wherein the hydrophobic material ~~with deformable properties~~ is elastic.
8. (Currently Amended) The gasket battery according to claim 6, wherein the hydrophobic material is a thermoplastic elastomer.
9. (Currently Amended) The gasket battery according to claim 7, wherein the gasket is made through an injection molding process.
10. (Currently Amended) A bipolar battery having at least two electromechanical electrochemical cells comprising:
  - a case;
  - a negative end terminal including a negative endplate in contact with a negative electrode;
  - a positive end terminal including a positive endplate in contact with a positive electrode;
  - at least one set of a negative electrode, a biplate and a positive electrode arranged in a sandwich structure between said~~the~~ negative and the positive endplates, the biplate having opposed major surfaces and a peripheral surface extending between the opposed major surfaces;
  - at least one separator arranged between each negative and positive electrode ~~forming a battery cell, said~~the separator including an electrolyte; and
  - a gasket in the shape of a frame, made of a hydrophobic material and arranged at least one of between each biplate ~~and~~or between a biplate and end terminal plate, whereby said~~the~~ gasket prevents an electrolyte path ~~from one cell to another cell~~between the electrochemical cells,

\_\_\_\_\_ wherein the gasket is made from ahydrophobic material ~~with~~has deformable properties to provide a sealing to each biplate and each end plate, whereby an outer pressure tight seal of the battery is obtained within the case, and

\_\_\_\_\_ wherein the gasket ~~further~~ includes means for permitting gas passage between adjacentthe electrochemical cells through the gasket thereby creating a common gas space for all the electrochemical cells in the battery,

\_\_\_\_\_ wherein the gasket at least partially encompasses the peripheral surface of the biplate, and

\_\_\_\_\_ wherein the biplate does not include any through holes.

11. (Currently Amended) The battery according to claim 10, wherein the means for permitting gas passage through the gasket includes at least one channel interconnecting adjacentthe electrochemical cells.

12. (Currently Amended) The battery according to claim 11, wherein each channel includes a hole in the gasket, said hole being in communication with the inside of the outer pressure tight seal in each electrochemical cell.

13. (Currently Amended) The battery according to claim 10, wherein guiding means ~~are~~is provided in the gasket, for controlling the position of a biplate during assembling of ~~at~~the bipolar battery.

14. (Currently Amended) The battery according to claim 13, wherein the guiding means includes at least one boss.

15. (Currently Amended) The battery according to claim 10, wherein the means for permitting gas passage ~~are~~is arranged on one distal end of the ~~frame~~gasket.

16. (Currently Amended) The battery according to claim 10, wherein the hydrophobic material ~~with~~deformable properties is elastic.

17. (Currently Amended) The battery according to claim 10, wherein the hydrophobic material is a thermoplastic elastomer.
18. (Original) The battery according to claim 16, wherein the gasket is made through an injection molding process.
19. (Currently Amended) The battery according to claim 10, wherein the battery is selected from the group consisting of: NiMH, NiCd and NiZn.
- 20.-26. (Cancelled).
27. (Currently Amended) The battery according to claim 10, ~~wherein the battery is provided with~~further comprising:  
\_\_\_\_\_ a positive terminal connector and a negative terminal connector being in contact with the positive and the negative endplates, respectively,  
\_\_\_\_\_ said the positive and the negative terminal connectors being adjustably arrangedadjustable relative to the case in such a way that the positive and the negative end terminals are individually accessible through the positive and the negative terminal connectors, respectively, from one of at least two sides of the case.
28. (Original) The battery according to claim 27, wherein a first end of each terminal connector is arranged to be attached to each endplate, and a second end, distal from the first end, is arranged to be fasten to the case of the battery.
29. (Original) The battery according to claim 28, wherein each terminal connector is attached to the respective endplate via a feed-through, which is secured in the case.
30. (Currently Amended) The battery according to claim 28, wherein the second end of each terminal connector is bent, and is fastened to the case by inserting the bent portion into ~~one~~  
~~out of~~ one or more grooves arranged in the case.

31.-32. (Canceled).

33. (Currently Amended) The batterygasket according to claim 1, wherein the bipolar battery is a starved electrolyte bipolar battery.

34. (Currently Amended) The battery according to claim 10, wherein the bipolar battery is a starved electrolyte bipolar battery.

35. (Cancelled).

36. (Currently Amended) A gasketThe battery according to claim 4, wherein the guidance means comprises the gasket a rim of the gasket.

37. (Original) The battery according to claim 13, wherein the guidance means comprises the rim of the gasket.